

SCIENCE ADVISORY BOARD
ADVISORY COMMITTEE ACTIVITY SUMMARIES
November 2000 - January 2001

OVERVIEW	Page 1
1. ADVISORY COMMITTEE SUMMARIES	Page 1
1.1 Clean Air Scientific Advisory Committee (CASAC)	Page 1
1.2 Advisory Council on Clean Air Compliance Analysis (Council)	Page 2
1.3 Drinking Water Committee (DWC)	Page 3
1.4 Ecological Processes and Effects Committee (EPEC)	Page 4
1.5 Environmental Economics Advisory Committee (EEAC)	Page 4
1.6 Environmental Engineering Committee (EEC)	Page 5
1.7 Environmental Health Committee (EHC)	Page 6
1.8 Integrated Human Exposure Committee (IHEC)	Page 6
1.9 Radiation Advisory Committee (RAC)	Page 7
1.10 Research Strategies Advisory Committee (RSAC)	Page 7
1.11 <i>ad hoc</i> Subcommittees of the Executive Committee (EC)	Page 8
1.11.1 Scientific and Technological Achievement Awards (STAA) Subcommittee	Page 8
1.11.2 SAB/EPA Workshop on the Benefits of Reductions in Exposure to Hazardous Air Pollutants: Developing Best Estimates of Dose-Response Functions	Page 8
1.11.3 EPA/SAB Workshop on the Benefits of Reducing Hazardous Air Emissions	Page 8
1.11.4 SAB/EPA Workshop on Understanding Values, Attitudes, and Decision Factors Related to Ecological Risk Management	Page 8
1.11.5 Dioxin Re-assessment Review Subcommittee (DRRS) of the Executive Committee	Page 9
1.11.6 Environmental Models Subcommittee (EMS) NATA Review	Page 9
2. ADVISORY COMMITTEE OPERATIONS	Page 10
2.1 Committee Operations Staff	Page 10
2.2 Reports Issued this Fiscal Year	Page 10
2.3 Reports in Progress	Page 10
2.4 Staff Contact Information	Page 11
2.5 Current Staffing Alignments	Page 11

Prepared for the
February 5-6, 2001 Executive Committee Meeting
by the Committee Operations Staff
of the Science Advisory Board

OVERVIEW: This document was prepared by the Committee Operations Staff (COS) to summarize recent activities of the Standing and various *ad hoc* Committees of the Board. These summaries are designed to supplement discussions at the February 5-6, 2001 meeting of the Board's Executive Committee. This document includes committee summaries that cover the period since the last face-to-face Executive Committee meeting (November 1-2, 2000), a listing of COS Staff, a list of all SAB reports (full and letter size) issued during FY2001 (October 1 2000 - January 31, 2001), along with a listing of reports that are presently in progress. Final SAB reports mentioned below can be found on the SAB website (www.epa.gov/sab).

1. ADVISORY COMMITTEE SUMMARIES

1.1 Clean Air Scientific Advisory Committee (CASAC)

The Clean Air Scientific Advisory Committee (CASAC) has a statutorily mandated responsibility (under the 1977 and 1990 Clean Air Act Amendments) to review and offer scientific and technical advice to the Administrator on the air quality criteria and regulatory documents which form the basis for the national ambient air quality standards (NAAQS). NAAQS have been established for lead, particulate matter (PM), ozone and other photochemical oxidants (O₃), carbon monoxide (CO), nitrogen oxides (NO_x) and sulfur oxides (SO_x). The CASAC process normally includes review of the Office of Research and Development's (ORD) Air Quality Criteria Document (CD) for a given NAAQS, followed by a review of the Office of Air and Radiation's (OAR) Staff Paper (SP) for that NAAQS. The Criteria Document contains all the relevant scientific and technical information on the pollutant, while the Staff Paper is the bridge between the science in the criteria document and the policy decision that has to be made by the EPA Administrator. Sometimes the Committee reviews the regulatory proposal for a NAAQS prior to its promulgation. The Committee also offers research recommendations on a periodic basis, normally following its review of a particular NAAQS. The Committee is currently involved in the review cycles for PM and CO.

a) Recent and Planned Activities

1) Particulate Matter (PM) NAAQS - a) Criteria Document/Staff Paper - The CASAC has already met on this issue several times. A detailed peer review will take place at the next meeting which is planned for May/June 2001; b) PM Research Strategy - The Committee last met on June 10, 1999 and issued a report. A teleconference meeting to review the revised document is planned for March/April 2001, but not yet scheduled; c) Fine Particles - The CASAC Technical Subcommittee for Fine Particle Monitoring (the "Subcommittee") is providing advice to the Office of Air and Radiation on PM monitoring activities. The Subcommittee plans to hold several meetings over the next few years to respond to its developing charge and to ensure that appropriate coordination is established with the NRC Committee on particles. Most recently, the Subcommittee met on January 22, 2001 to conduct a workshop on exploring opportunities for accommodating emerging technologies into routine air monitoring networks. The workshop was advertised and convened to enable states and associations of states, vendors and manufacturers of monitoring equipment, and EPA staff an opportunity to share information and discuss emerging technologies and the implications of considering continuous monitoring in EPA's regulatory monitoring program. A follow-up teleconference is planned for spring/summer 2001.

2) Carbon Monoxide (CO) NAAQS - On November 18, 1999, the Committee completed its review (reaching closure) of the CO Criteria Document. The Committee completed its report on January 11th (EPA-SAB-CASAC-LTR-00-002). A meeting on the first draft of the CO Staff Paper is planned for April 2001, but is not yet scheduled.

3) Diesel Health Assessment - The Committee reviewed this draft ORD document in May 1995, May 1998 and December 1999. In each case, the Committee noted that the document was not scientifically adequate for making regulatory decisions concerning the use of diesel powered engines. Most recently, the Committee met on October 12-13, 2000 to review the revised draft. At this meeting, the Committee reached closure on the draft, while providing EPA with extensive comments and suggestions for improvement. A final CASAC report was issued (EPA-SAB-CASAC-01-003).

4) Ozone NAAQS - The Committee plans to review the Ozone Research Strategy and Ozone Research Needs documents at a meeting that is planned for April 2001, in conjunction with the CO Staff Paper review noted above.

b) Membership

Several Membership changes have taken place this fiscal year. Under the statute, CASAC is limited to seven members. Dr. Mauderly's (Lovelace Respiratory Research Institute) second term as Chair ended and Dr. Philip Hopke (a current CASAC Member) of Clarkson University was appointed as the new Chair. Dr. Fred Miller of the Chemical Industry Institute of Toxicology (CIIT) was appointed as a new Member to replace the expertise lost by Dr. Mauderly's term ending. Dr. Warren White of Washington University completed his second term as a Member, with Dr. Barbara Zielinska of the Desert Research Institute appointed as a new Member replacing him. Both Dr. Mauderly and Dr. White remain as Consultants to CASAC. One vacancy currently exists on the seven member CASAC due to the unexpected resignation of Dr. Eva Pell of Penn State University. Efforts are underway to fill this vacancy.

1.2 Advisory Council on Clean Air Compliance Analysis (Council)

a) Background

The Council has its origin in the requirements of Section 812 of the Clean Air Act Amendments of 1990. That section mandated that a Council be established to provide independent advice on technical and economic aspects of analyses and reports that the Agency prepares concerning the impacts of the Clean Air Act on the public health, economy, and the environment of the United States.

The Agency submitted the first prospective analysis to Congress in November 1999. The analysis projected the costs and benefits of implementation of the Clean Air Act Amendments (CAAA) over the period 1990-2010. The Council and its subcommittees provided the Administrator with a series of letters offering advice to strengthen the prospective analysis.

The Council has two standing subcommittees, the Health and Ecological Effects Subcommittee (HEES) and the Air Quality Modeling Subcommittee (AQMS).

The Agency anticipates bringing a "blueprint" for the second prospective analysis to the Council and possibly its subcommittee in May 2001.

b) Activities since the last EC Meeting

The Council is planning a visit to staff on four key House and Senate Committees in February as preparation for its advisory activities for the second prospective analysis. The Chair of the Council and chairs of its two subcommittees are seeking information about how the 812 studies have been used by Congress and views about how the Council can help the Agency enhance the validity and utility of future reports.

1.3 Drinking Water Committee (DWC)

The Science Advisory Board is mandated by the 1996 Safe Drinking Water Act (SDWA) Amendments to comment on drinking water regulations prior to promulgation. The Drinking Water Committee (DWC) carries out this mandate for the Board by reviewing various scientific and technical documents associated with the Office of Water's SDWA regulatory activities. The DWC also reviews various drinking water research plans and products for EPA's Office of Research and Development and observes EPA Stage 2 drinking water regulation stakeholder meetings to both learn more of this EPA approach to achieving its mission and to help the program office identify scientific and technical issues that might benefit from SAB interaction.

a) Recent Activities

1) The DWC met again in Washington, D.C. from June 5 through 7, 2000 to confer on a number of issues relevant to the EPA drinking water program (elements of the proposed Arsenic Drinking Water Standard and consideration of possible DWC - EPA interactions on Stage 2 of the Microbial/Disinfection Byproducts rule making-- M/DBP2). EPA asked the Committee to consider two aspects of the rule, treatment issues and health issues. The focus of the health issues was a series of questions concerning: (a) the principal arsenic form causing health effects; (b) implications of natural arsenic exposure through food; and (c) addressing the cardiovascular health end point in infants. The focus of the treatment technology and cost issues was on residuals disposal and the decision tree used by EPA to determine community water system response to a changed arsenic MCL.

The Committee's draft report was discussed again at its August 8-9, 2000 meeting and as a result of that a final report was generated for EC review. That report included as an attachment a minority report that was developed by a consultant to the Committee. The minority report was also joined in by one member of the DWC. On September 22, the EC approved the report subject to approval of the vetters of changes that were judged to be necessary. The Committee responded to comments made at this meeting through a revise, review, and redrafts and final Vetter approval was given and the document was sent to the Agency on December 12, 2000. The final report contained an Attachment providing the Arsenic Review Panel Chairman's responses to the comments made Alan Smith which were entered into the SAB record by a member of the EC.

The Agency published the final Arsenic rule on January 22, 2001. The final published arsenic drinking water Maximum Contaminant Level is to be 10 Fg/L.

3) DWC and Stakeholder Process for Stage 2 Drinking Water Regulations - The Stakeholder negotiations have been completed and an agreement reached among the parties on the stage 2 microbial

and disinfection byproduct rule's proposed provisions. The Agency will prepare its regulatory proposal in accordance with the agreement. The agreement specifies that the Agency's Health Risk Reduction and Cost Analysis for the rule will be sent to the SAB requesting comments. No date has been set for the SAB's review though the FY 2001 EPA Appropriation specifies rule proposal by June 2001.

b) Future Activities

The Drinking Water Committee is in the process of planning its agenda for FY 2001. Its next meeting is scheduled for March 13-15, 2001. That review will focus on the CCL Research Plan which was the focus of a September 2000 SAB Advisory.

c) Status of Reports in Progress There are currently no reports in progress.

d) An Update on Membership for FY2001

There are four anticipated vacancies for the Committee as of September 30, 2000. This includes two members who specialize in toxicology, one in risk assessment/decision analysis, and one microbiologist. In addition, two Members are due for renewal or replacement (one toxicologist and one microbiologist).

1.4 Ecological Processes and Effects Committee (EPEC)**a) Activities since the last Executive Committee meeting**

The Ecological Processes and Effects Committee did not meet in the first quarter (October to December) of FY2001. The Committee has continued to develop its strategic report, A Framework for Reporting on Ecological Condition, discussed at an EPEC meeting September 20-22, 2000 in Washington, DC. The Committee is drafting a white paper describing essential ecological attributes that should be included in reporting schemes, including those devised to report on Government Performance and Results Act (GPRA) goals. In previous meetings, the Committee was briefed on a variety of EPA environmental reporting efforts, as well as the U.S. Forest Service's Forest Health Monitoring program. The Committee's final report will include case examples to illustrate potential applications of their reporting framework for EPA programs and projects. A draft of the report is expected to be available for review by the Executive Committee in the spring.

b) Future Activities:

In April, the Committee plans to conduct a review of the Waters and Watersheds portion of the Agency's Science to Achieve Results (STAR) Program. The Waters and Watersheds Request for Applications is one of several special grant competitions conducted jointly with EPA, NSF, and USDA. A primary focus of the SAB review of the Waters and Watersheds program will be to consider the degree to which the program's interdisciplinary emphasis (combining physical, ecological, and social science research) is yielding scientific research that enhances our understanding of structure, function, and dynamics of ecosystems to support watershed management. The review will build off the recent joint SAB/BOSC review of the overall STAR Program (EPA-SAB-EC-00-008), and will be held in San Francisco in conjunction with a STAR Waters and Watersheds Progress Review organized by EPA.

Additional reviews scheduled for the year include the Southeastern Ecological Framework (developed by EPA Region IV), the National Assessment of Landscape Status and Change, the Sediments and Suspended Solids Research and Management Strategy, and Guidance on Developing Ecological Management Objectives.

1.5 Environmental Economics Advisory Committee (EEAC)

The Science Advisory Board's Environmental Economics Advisory Committee is responsible for reviewing and providing advice on a number of economic analysis initiatives at the EPA. Included are efforts to help the Agency develop high quality economic research plans and efforts to help the Agency develop improved environmental economic analysis procedures and guidelines.

a) Activities Since the Last EC Meeting

The EEAC has held no meetings since the last EC meeting

b) Future Activities

The EEAC has received a request from the Office of Regulatory Enforcement (ORE) in the Office of Enforcement and Compliance Assurance (OECA) to review certain economic benefit recapture issues. Specifically, the Committee will examine the calculation of violators' economic savings from violating the law,

- 1) as reflected in proposed changes to the "BEN" model, which is the economic benefit computer model used by the Agency to calculate such benefits.
- 2) through calculating the benefit derived from an illegal competitive advantage (ICA).

In addition, at the meeting being scheduled for March or April, the EEAC will be briefed on a trade-and-the-environment issue that will be the topic of another meeting later in the year.

c) Status of Reports in Progress

All of the Committee's reports have been forwarded to the Administrator.

d) An Update on Membership for FY2000

There are three anticipated vacancies for the Committee as of September 30, 2000. In addition, four Members are due for renewal or replacement.

1.6 Environmental Engineering Committee (EEC)

a) Activities since the last EC Meeting in November 2000 -

- 1) The Environmental Engineering Committee met December 5-7, 2000. The purposes of the meeting was to:
 - a. consider for approval the report of the Natural Attenuation Research Subcommittee
 - b. consider potential FY2001 activities
 - i. review of the Surface Impoundments Study
 - ii. a consultation on sustainability research
 - iii. a report on risk reduction options selection
 - c. hear briefings on various Agency topics
 - i. industrial ecology
 - ii. environmental impacts of natural hazards
 - iii. contaminated sediments

- 2) The Environmental Engineering Committee met by Conference Call January 10, 2001. The purposes of the meeting were to:
 - a. to discuss a potential Commentary on industrial ecology or related topics
 - b. to undertake further planning on the consultation on research for environmental systems management
 - c. to discuss potential activities related to contaminated sediments
 - d. to further explore ideas about subsequent overview briefings on EPA programs by media, or interagency briefings by media.
- 3) A Subcommittee of the EEC, chaired by Dr. Wayne Kachel, held a writing session January 11-12, 2001 to prepare a draft report on risk reduction options selection. The Subcommittee plans to present their draft to the committee on a publicly announced conference call scheduled for March 7, 2001.

b) Future Activities:

- 1) The Environmental Engineering Committee will hold five more conference call meetings March 7, May 2, July 11, September 5, and November 7, 2001. The purposes of the March 7 call will be to:
 - a. to consider a draft Risk Reduction Options Selection report
 - b. to hear status reports on the planning for FY2001 EEC activities
 - c. to learn the status of the Natural Attenuation Research Subcommittee report and the Commentary on Measures of Environmental Technology Performance
 - d. to discuss report related items, such as the inclusion of one- paragraph biographies for contributors to commentaries and reports and the preparation of brief summaries of reports for distribution to journals and newsletters
- 2) The EEC's Joint Subcommittee on Industrial Ecology and Environmental Systems Management will meet March 21-23 at the National Risk Management Research Laboratory in Cincinnati, Ohio. The purposes of this meeting will be to conduct a consultation on environmental systems management research (SAB Project #01-15) and to prepare a commentary on industrial ecology (Project Description prepared, SAB number not yet assigned.)

1.7 Environmental Health Committee (EHC)

The Environmental Health Committee (EHC) has not met since the last EC meeting.

The EHC is expected to meet next in the Spring of 2001 to address the EPA Draft Air Toxics Monitoring Strategy (incorporating Members of the EEC as liaisons), and later in the Spring or early Summer to review the Agency's draft research strategy on health risk assessment.

1.8 Integrated Human Exposure Committee (IHEC)

The IHEC has not met since the last EC meeting.

The Committee is expected to meet in the late Spring to address several indoor air-related projects (the Building Assessment Survey and Evaluation (BASE) and the Large Building Survey) which the Agency proposed last year, but which were not ready for review in 2000. EPA's Office of Radiation and Indoor Air is in the final stages of developing a request to the SAB for an IHEC review of a proposed risk-based ranking system for indoor air pollutants. This project would be a candidate for a meeting this Summer.

Also, the IHEC has followed the EC suggestion to proactively self initiate project ideas. Most recently the IHEC successfully completed a multi-year self-initiated project reviewing the EPA's NHEXAS projects and data use plans. In the coming year, the committee will again identify and seek EPA agreement for another self-initiated project. The projected 2001 schedule appears to allow time for at least one such project. The committee members will be polled for suggested projects in the near future.

1.9 Radiation Advisory Committee (RAC)

[Revised text being prepared by the RAC Chair, Dr. Johnson]

1.10 Research Strategies Advisory Committee (RSAC)

The Research Strategies Advisory Committee (RSAC) is a Standing Committee of the Science Advisory Board (SAB) of the United States Environmental Protection Agency (USEPA). RSAC was convened to provide broad advice to the Administrator on research planning, management, and budget development for use by the Agency in its long-term budget planning process. RSAC provides a point of focus for the Board to consider the overall directions of intramural and extramural research programs of EPA, and it provides a forum to discuss issues that cut across Agency programs. RSAC also advises the Executive Committee and Standing SAB Committees on questions to consider in research reviews.

RSAC consists of one or more members drawn from the Standing Committees of the Board, as appropriate, augmented by consultants as needed to assure proper expertise and balance. RSAC is requested to provide annual testimony directly to Congress on matters related to their reviews of the ORD budget and other matters.

a) Activities since the last Executive Committee meeting

The Research Strategies Advisory Committee (RSAC) met December 12 and 13, 2000 to be briefed on the Agency's Science Plan and Inventory, and to discuss how to conduct the second phase of the review of the implementation of EPA's Peer Review Process. The Committee also discussed how it might support the use of science at EPA in the new administration and decided to develop a commentary on "staying the course" and "obtaining science from all sources" to help EPA:

- a) ensure that the complex scientific outreach and communication needs of EPA are met, including the need to reach throughout EPA and to the broader domestic and international

scientific community for the credible scientific and engineering knowledge relevant to EPA policy or regulatory issues

- b) coordinate and oversee scientific quality assurance and peer review practices throughout EPA
- c) develop processes to ensure that appropriate scientific information is used in decision making throughout EPA
- d) expand on the science inventory of EPA by conducting and documenting a comprehensive and detailed inventory of scientific activities conducted by the Agency.

The committee also planned its activities for the next year and received briefings from the Office of the Chief Financial Officer about the modified budget planning process this year and from Congressional staff about upcoming legislation related to science at EPA.

b) Future Activities

A March 6th & 7th, 2001 meeting is being planned to conduct an advisory on research partnerships, to conduct an advisory on the performance aspects of multi-year plans, to begin the review of peer review implementation, and to plan for the May FY '02 policy budget review and commentary and testimony to Congress.

c) Membership Issues:

The Committee welcomes four new members in FY2001: Dr. Raymond Loehr as the new RSAC Chair, Dr. James Watson, past-chair of the Radiation Advisory Committee, Dr. Lauren Zeise, past member of the Environmental Health Committee, and Dr. Mark Utell, current Chair of the Environmental Health Committee. The Committee acknowledges the many contributions of departing members, Drs. Seeker (who will continue to serve on the committee for one year as past chair), Steve Brown, Theo Colborn, and Paulette Middleton.

1.11 *ad hoc* Subcommittees of the Executive Committee (EC)

1.11.1 Scientific and Technological Achievement Awards (STAA) Subcommittee

The Subcommittee will meet in the second quarter 2001 to review approximately 120 nominations for awards submitted by EPA. The panel is chaired by Dr. Herb Ward of Rice University.

1.11.2 SAB/EPA Workshop on the Benefits of Reductions in Exposure to Hazardous Air Pollutants: Developing Best Estimates of Dose-Response Functions

The Office of Air and Radiation is developing a draft Report to document the Workshop held on June 22-23, 2000 to improve methods for characterizing benefits associated with environmental programs that protect against air toxics. The goal is to improve benefits assessment for the Agency's analyses of air toxics, as required by Section 812 of the Clean Air Act Amendments of 1990.

1.11.3 EPA/SAB Workshop on the Benefits of Reducing Hazardous Air Emissions : Improving

Exposure Estimates

Members of the SAB have had initial discussions with the Agency to plan the second workshop that will focus on air toxics. Initial discussions concluded that the workshop should follow SAB review of the National Air Toxics Assessment National Scale Assessment. The workshop is likely to happen in May or June 2001.

1.11.4 SAB/EPA Workshop on Understanding Values, Attitudes, and Decision Factors Related to Ecological Risk Management

Members and Consultants of the SAB held a planning meeting on October 4, 2000 to plan the Workshop, which is anticipated to happen in May or June 2001. The Workshop is a follow-up activity to the work of the Valuation Subcommittee involved in the Integrated Risk Project. The purpose is to demonstrate how scientists using different kinds of analytical methods, tools and approaches from the economic, social, decision, and ecological sciences can mutually inform each other and risk managers in understanding: (a) values, attitudes and decision factors related to specific threats to ecological resources, such as a specific water body threatened with nitrogen deposition and (b) the significance of those values.

The Workshop will focus on Tampa Bay Estuary and will challenge researchers to address the following questions:

Given that the state of knowledge about ecological and human health effects of nitrogen deposition are fairly well known in the Tampa Bay Estuary, EPA seeks answers to the following questions, in terms that are relevant to and readily comprehensible to Agency management:

- A. Why do people care about protecting waterbodies, addressing current problems and preventing further nitrogen deposition?
- B. How can we move beyond current economic considerations, per se, to identify and evaluate/measure how and how much people care about protecting the resource?

1.11.5 Dioxin Re-assessment Review Subcommittee (DRRS) of the Executive Committee

In April 1991, EPA announced that it would conduct a scientific reassessment of the potential health risks of exposure to dioxin and related compounds. A multi-volume document titled "Exposure and Human Health Reassessment of 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD) and Related Compounds" was published in 1994. In 1995, this draft was reviewed by EPA's Science Advisory Board (SAB), which issued a report (EPA-SAB-EC-95-021) stating that there was no need for further SAB review of the exposure sections, but that EPA should develop a new chapter on toxicity equivalence factors (TEFs), revise the sections addressing Dose Response Modeling, and the Risk Characterization, and conduct external peer review of these three sections before returning to the SAB for another review.

EPA subsequently revised the document, and conducted external peer reviews as recommended. The Agency then requested that the SAB review the revised reassessment document. The Dioxin Reassessment Review Subcommittee, Chaired by Dr. Morton Lippman, consequently met on November 1 and 2, 2000, in Alexandria, Virginia. The 21 person Subcommittee (including 15 persons who participated in the 1995 review) addressed a Charge comprising 21 primary questions. The meeting was attended by over 100 members of the public, and was addressed by some 40 individuals and representatives of interested organizations. The meeting was "lively," with the presence of costumed demonstrators who

held signs accusing various participants on the DRRS of being in the thrall of industry because they had provided consulting services to different industry segments at various times in the past. Some outside observers felt that the demonstrations disrupted the meeting and intimidated some of the Panel Members/Consultants (M/C). SAB staff at the meeting did not feel that the demonstrators were disruptive, and a poll of the M/C revealed a range of views.

A report is currently being prepared by the Committee, with Draft 4 now in the hands of the Panel for comments. To facilitate the report preparation process, 13 M/C of the DRRS convened in a public teleconference on January 23 to discuss issues which were still unresolved in the draft report. It is anticipated that a final draft report will be available to the EC, the Agency, and the public, well before the April EC meeting.

1.11.6 Environmental Models Subcommittee (EMS) NATA Review

The NATA is an Agency plan for gaining a nation-wide assessment of the inhalation health posed by 32 hazardous air pollutants. The EMS Chair, Dr. Mitch Small, has negotiated a Charge to guide the SAB's review and is in the process of forming a Panel of modelers and risk assessors to carry out the project. A pre-meeting conference call has been slated for Feb. 21, with a face-to-face meeting in North Carolina on March 20-21.

This project is of major importance to the Office of Air and Radiation (OAR).

2. ADVISORY COMMITTEE OPERATIONS

2.1 Committee Operations Staff (with Principal Committee assignments noted)*

Team Leader: Bob Flaak (CASAC)

Designated Federal Officers: Stephanie Sanzone (EPEC), Kathleen Conway (EEC), Angela Nugent (Council), Sam Rondberg (IHEC, EHC & RAC), Tom Miller (DWC), and Jack Kooyoomjian (EEAC).

Management Assistants: Wanda Fields (DWC, RSAC & EEAC), Dorothy Clark (EHC, IHEC & RAC), Diana Pozun (EC & Council) and Mary Winston (EPEC & EEC).

Other Committee Staff: Jack Fowle (DFO - RSAC) and Don Barnes (DFO - EC); and Betty Fortune (Support for EC).

* assignments as of February 1, 2001

2.2 Reports Issued this Fiscal Year (in chronological order) (R) = Full Reports; (L) = Letter Reports; (A) = Advisories; (C) = Commentaries; (N) = Notification of a Consultation

October:

None

November:

- a) Science Advisory Board (SAB) Commentary Resulting from a Workshop on the Diffusion and Adoption of Innovations in Environmental Protection (EEC) (C)

December:

- a) Arsenic Proposed Drinking Water Regulation: A Science Advisory Board Review of Certain Elements of the Proposal (DWC) (R)
b) Clean Air Scientific Advisory Committee (CASAC) Review of EPA's Health Assessment Document for Diesel Exhaust (EPA 600/8-90/057E) (R)

January:

None

2.3 Reports in Progress (R) = Full Reports; (L) = Letter Reports; (A) = Advisories; (C) = Commentaries, (N) = Notification of a Consultation

For EC Review on February 5-6:

None

For EC Review at a later date:

- a) A Framework for Reporting on Ecological Condition (EPEC) (R)
b) GENII Ver. II (RAC) (A)
c) Risk Reduction Options - IRP (EEC) (R)
d) Sewage Sludge (RAC) (R)
e) Dioxin (EC Subc) (R)

Not Subject to EC Review (CASAC/COUNCIL):

- a) Continuous Monitoring (CASAC) (A)

Approved by EC and undergoing completion:

- | | |
|---|-----|
| a) Measures of Technology Performance (EEC) | (C) |
| b) Natural Attenuation for Groundwater Remediation 2000 (EEC) | (R) |
| c) TENORM (RAC) | (A) |

2.4 Staff Contact Information

For further information concerning any committee, please contact the relevant staff as noted below. Phone numbers are as follows (area code 202 for all numbers, unless otherwise noted):

Don Barnes	564-4533	Betty Fortune	564-4533
Jack Fowle	564-4547	Dorothy Clark	564-4533
Robert Flaak	564-4546	Wanda Fields	564-4533
Jack Kooyoomjian	564-4557	Diana Pozun	564-4533
Tom Miller	564-4558	Mary Winston	564-4533
Angela Nugent	564-4562		
Sam Rondberg	(301) 812-2560		
Stephanie Sanzone	564-4561		
Kathleen White	564-4559		

Fax for all Committee Operations Staff is: (202) 501-0582
(except for Sam Rondberg whose fax is (410) 286-2689).

Internet/e-mail for all EPA staff is: LASTNAME.FIRSTNAME@EPA.GOV (Except for Sam Rondberg whose e-mail is: SAMUELRL717@AOL.COM).

2.5 Current Staffing Alignments:

Executive Committee	Don Barnes	Diana Pozun w/assistance by Betty Fortune
CASAC	Robert Flaak	Various Staff
COUNCIL	Angela Nugent	Diana Pozun
DWC	Tom Miller	Wanda Fields
EEAC	Jack Kooyoomjian	Wanda Fields
EEC	Kathleen Conway	Mary Winston
EHC	Sam Rondberg	Dorothy Clark
EPEC	Stephanie Sanzone	Mary Winston
IHEC	Sam Rondberg	Dorothy Clark
RAC	Sam Rondberg	Dorothy Clark
RSAC	Jack Fowle	Wanda Fields
ad hoc EC Subcommittees	-- Varies with issue and scheduling --	